

Title (en)
ANTENNA ASSEMBLY

Title (de)
ANTENNENANORDNUNG

Title (fr)
SYSTÈME D'ANTENNES

Publication
EP 3789781 A1 20210310 (EN)

Application
EP 19195867 A 20190906

Priority
EP 19195867 A 20190906

Abstract (en)
An antenna assembly comprises:- a substrate (2) carrying a first contact pad (4) and a second contact pad (6), the first contact pad (4) and the second contact pad (6) being electrically conductive and insulated from each other on the substrate (8);- an antenna (16);- a conductive element (14) for connecting the antenna (16) to the first contact pad (4);- a radiofrequency circuit connected to the first contact pad (4); and- a diagnosis circuit configured to test a conducting path via the first contact pad (4) and the second contact pad (6).The conductive element (14) is configured to establish a conducting path between the first contact pad (4) and the second contact pad (6).

IPC 8 full level
G01R 31/66 (2020.01)

CPC (source: EP)
G01R 31/66 (2020.01)

Citation (search report)

- [X] JP 2014187548 A 20141002 - SHARP KK
- [I] US 2005174292 A1 20050811 - MCFARLAND WILLIAM J [US], et al
- [I] WO 2005094154 A2 20051013 - KAMSTRUP AS [DK], et al
- [I] US 2018052195 A1 20180222 - DUKE RICHARD ALLAN [US], et al
- [A] US 2016283838 A1 20160929 - OJSTER ALBERT [DE]
- [I] QUECTEL: "M10 Antenna Detection Application Circuit", 26 June 2012 (2012-06-26), EddyWireless website, XP055671945, Retrieved from the Internet <URL:https://www.eddywireless.com/yahoo_site_admin/assets/docs/Quectel_GSM_Antanna_Detection_Application_note.175173113.pdf> [retrieved on 20200227]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3789781 A1 20210310; EP 3789781 B1 20230927

DOCDB simple family (application)
EP 19195867 A 20190906